

L33 ANSWER 37 OF 63 HCAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1995:619936 HCAPLUS Full-text
 DOCUMENT NUMBER: 123:144906
 TITLE: Preparation of arylsulfonium salts as polymerization
 initiators
 INVENTOR(S): Abe, Tetsuya; Yokoshima, Minoru
 PATENT ASSIGNEE(S): Nippon Kayaku Kk, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|--------------|
| JP 07082245 | A | 19950328 | JP 1993-249756 | 19930913 <-- |
| PRIORITY APPLN. INFO.: | | | JP 1993-249756 | 19930913 <-- |

ED Entered STN: 17 Jun 1995

AB Sulfonium salts useful as cationic photopolymerization initiators are prepared by reacting diaryl sulfoxides with aryl alkyl (thio)ethers or polyaryl sulfides in the presence of polyphosphoric acid, followed by reacting the resulting sulfonium complexes with hexafluoroalkali metal salts. Thus, Ph₂SO and Ph₂S were heated with A at 120° for 5 h, then reacted with KPF₆ in H₂O for 1 h to give 90% (4-thiophenoxyphenyl)diphenylsulfonium hexafluorophosphate (I). I 1.5, Celloxide 2021 (epoxy resin) 80, and EHPE 3150 (epoxy resin) 20 parts were mixed and irradiated by UV light (75 mJ/cm²) to show good curing property.

IT 75482-18-7P 164008-97-3P 167021-77-4P
 167021-79-6P

RL: CAT (Catalyst use); SPN (Synthetic preparation); PREP
 (Preparation); USES (Uses)

(preparation of arylsulfonium salts as cationic photopolymerization catalysts)

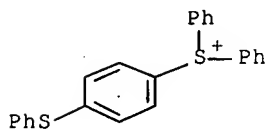
RN 75482-18-7 HCAPLUS

CN Sulfonium, diphenyl[4-(phenylthio)phenyl]-, hexafluorophosphate(1-) (9CI)
 (CA INDEX NAME)

CM 1

CRN 47480-44-4

CMF C24 H19 S2

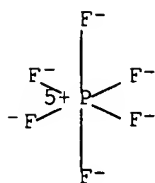


CM 2

CRN 16919-18-9

CMF F6 P

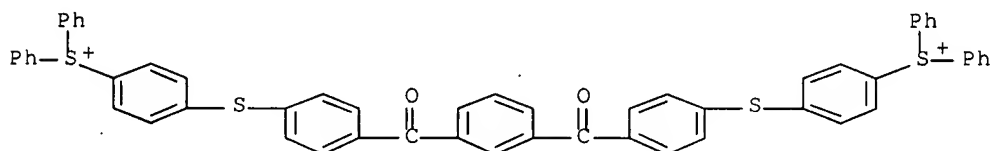
CCI CCS



RN 164008-97-3 HCAPLUS
 CN Sulfonium, [1,3-phenylenebis(carbonyl-4,1-phenylenethio-4,1-phenylene)]bis[diphenyl-, bis[(OC-6-11)-hexafluoroantimonate(1-)] (9CI)
 (CA INDEX NAME)

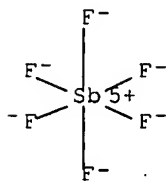
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CRN 164008-96-2
 CMF C56 H40 O2 S4



CM 2

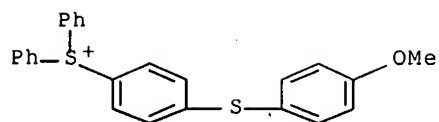
CRN 17111-95-4
 CMF F6 Sb
 CCI CCS



RN 167021-77-4 HCAPLUS
 CN Sulfonium, [4-[(4-methoxyphenyl)thio]phenyl]diphenyl-, hexafluorophosphate(1-) (9CI) (CA INDEX NAME)

CM 1

CRN 167021-76-3
 CMF C25 H21 O S2

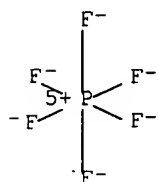


CM 2

CRN 16919-18-9

CMF F6 P

CCI CCS



RN 167021-79-6 HCAPLUS

CN Sulfonium, [4-(methylthio)phenyl]diphenyl-, hexafluorophosphate(1-) (9CI)
(CA INDEX NAME)

CM 1

CRN 167021-78-5

CMF C19 H17 S2

